

ABSTRACT

A flow management system comprising a first panel having a fluid pathway and a second panel having a fluid pathway for passing a second fluid. The fluid pathway of the first panel passes a first fluid. The first panel includes a first compartment to receive a volume of the first fluid. The second panel includes a second compartment to receive a volume of the second fluid. The first and second panels are aligned so that the first compartment overlays the second compartment. The flow management system may be placed within a gap defined by a first surface and a second surface. The first and second compartments are disposed within the gap so that the second compartment bears against the second surface as the second fluid fills the second compartment and forces the first fluid out from the first compartment as the first compartment bears against the first surface.